



FORM PTO-1449

## INFORMATION DISCLOSURE CITATION

Attorney Docket:  
4208-4157Serial No.:  
10/662,364Applicant(s):  
Juha SALOKANNEL, et al.Examiner:  
to be assignedFiling Date:  
September 16, 2003Group Art Unit:  
2681

## U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Patent Number	Publication Date	Country	Class	Sub-Class	Translation
<i>FE</i>	AJ	WO 2003/090487 A1	10/30/03	WIPO	<i>H04R</i>	<i>12/20</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>FE</i>	AK	EP 1324540 A2	7/2/03	EPO	<i>H04L</i>	<i>12/28</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	AL						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AM						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AN						<input type="checkbox"/> Yes <input type="checkbox"/> No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)

	AO	
	AP	
	AS	

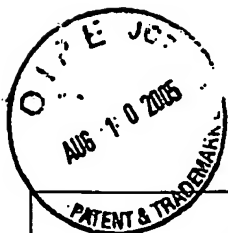
Examiner

*Juha Salokannel*

Date Considered

*6/9/06*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609.  
Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to Applicant.



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## FOREIGN PATENT DOCUMENTS

Examiner Initial		Patent Number	Publication Date	Country	Class	Sub-Class	Translation
<i>BJ</i>	AJ	WO 2004/107655 A1	12/09/04	WIPO	H04L	12/28	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>BJ</i>	AK	WO 02/089391 A1	11/07/02	WIPO	H04L	5/14	<input type="checkbox"/> Yes <input type="checkbox"/> No
	AL						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AM						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AN						<input type="checkbox"/> Yes <input type="checkbox"/> No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)

<i>BJ</i>	AO	"Draft Standard for Telecommunications and Information Exchange Between Systems—LAN/MAN Specific Requirements," Institute of Electrical and Electronics Engineers, Inc., Draft P802.15.3/D17-pre, February 2003.
	AP	
	AS	

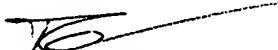
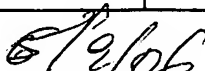
Examiner

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**RELATED CASE  
SUBMISSION**Attorney Docket:  
4208-4157Serial No.:  
10/662,364Applicant(s):  
Juha SALOKANNEL, et al.Examiner:  
To be assignedFiling Date:  
September 16, 2003Group Art Unit:  
2681**RELATED PENDING APPLICATIONS**

Examiner Initial		Serial No.	Filing Date	Inventor(s)	Publication No. or Patent No. (if applicable)	Publication Date or Issue Date (if applicable)
	1	10/704,744	11/12/2003	Salokannel, et al.	2005/0075084A1	4/07/2005
	2	11/169,765	6/30/2005	Reunamäki, et al.		
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Examiner  Date Considered 

<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION</b>	Attorney Docket: 4208-4157 (Nokia28972)	Serial No.: to be assigned
	Applicant(s): Juha Salokannel et al.	Examiner: to be assigned
	Filing Date: September 16, 2003	Group Art Unit: to be assigned

**U.S. PATENT DOCUMENTS**

Examiner Initial		Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
	AA	6,381,467 B1	4/30/3003	Hill et al.	455	519	
	AB	US 2001/0012757 A1	8/9/2001	Boyle	370 <sup>455</sup>	338 <sup>111</sup>	3/1/2001
	AC	US 2003/0152059 A1	8/14/2003	Odman	370	338	1/22/2003
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Patent Number	Publication Date	Country	Class	Sub-Class	Translation
	AJ	EP 1 223 715 A1	7/17/2002	Europe	H04L	12/80	<input type="checkbox"/> Yes <input type="checkbox"/> No
	AK	EP 1 176 762 A1	1/30/2002	Europe	H04L	12/28	<input type="checkbox"/> Yes <input type="checkbox"/> No
	AL						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AM						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AN						<input type="checkbox"/> Yes <input type="checkbox"/> No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)**

	AO	Fabrice Legrand, et al., "U.C.A. N.'s Ultra Wide Band System: MAC and Routing Protocols," Manuscript received April 25, 2003, for European funded U.C.A.N. project, part of the IST program (IST-2001-32710).
	AP	"Trade-Off Analysis (802.11e versus 802.15.3 QoS mechanism)," White Paper, Xtremespectrum, July 2002.
	AS	"The Optimum MAC/PHY Combination for Multimedia Consumer Applications," White Paper, Xtremespectrum, September 2001.

Examiner		Date Considered	6/9/06
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